



Outline

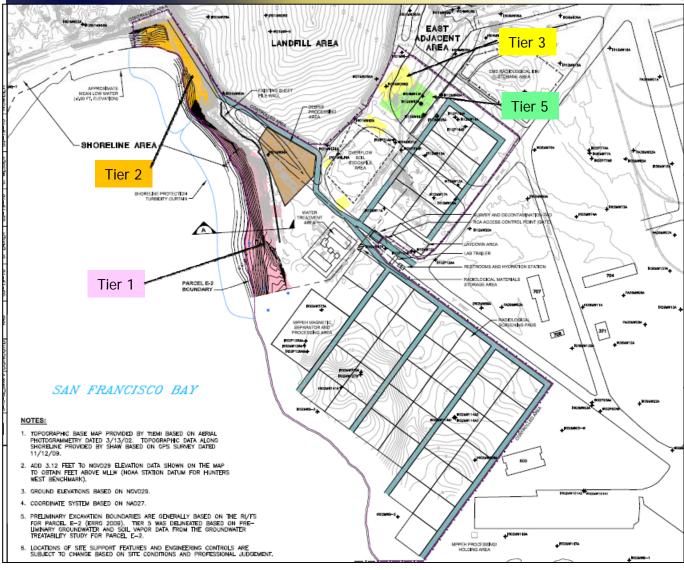


- Update
- TCRA Progress Completed Excavations
- What's Next
- Schedule



Site Layout Map

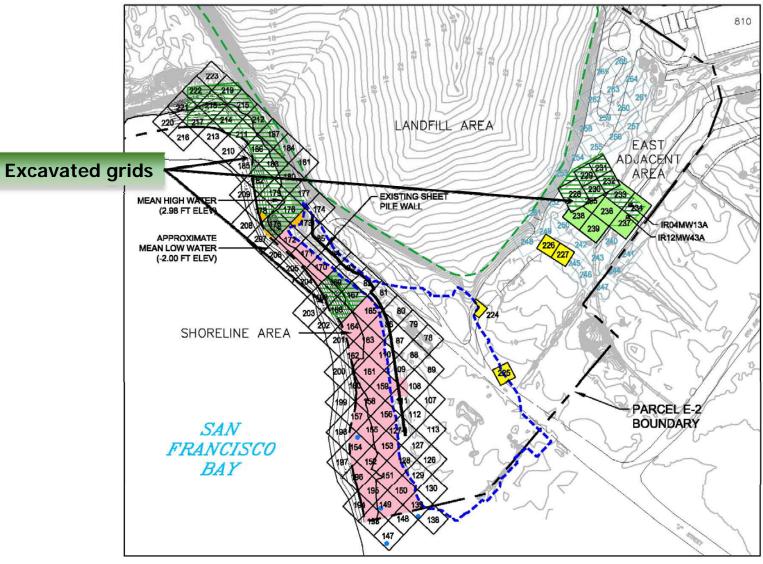






TCRA Progress – Completed Excavations







Update Tiers 3 and 5



- Commenced excavation in Tiers 3 and 5 (Upland Area) on August 30, 2010
 - 100% of Tier 3 grids excavated to depth and confirmation sampled
 - Over-excavated Grids 231 and 232 for lead in May 2011 to close out Tier 3
 - Final confirmation results pending
 - Approximately 30% of Tier 5 grids excavated to depth and confirmation sampled



Update Tiers 3 and 5 (continued)





Over-excavating Tier 3, Grids 231 and 232



Update Tier 2



- Commenced excavation of Tier 2 on October 19, 2010
 - Stopped excavation activities in December and recommenced excavation activities on April 13, 2011
 - Approximately 96% of grids excavated to depth and confirmation sampled
 - Approximately 96% of grids backfilled with clean sand
 - Received 77% of confirmation sample results, remaining samples are pending
 - Over-excavation required in eleven grids



Update Tier 2 (continued)



Over-Excavations for PCBs Depth (ft) PCBs Conc (mg/kg) Grid Tier **BOTTOM OVER-EXCAVATIONS** 8.2 48.1 23.0 8.1 20.7 4.3 2.2 SIDEWALL OVER-EXCAVATIONS 2.6 4.7 3.3

^{*}Grid 184 Sidewall (3 ft, 22 mg/kg) will not be stepped out because of its proximity to the landfill (less than 20 feet from the landfill cap).



Update Tier 2 (continued)



Over-Excavations for Metals					
Tier	Grid	Depth (ft)	Cu Conc (mg/kg)	Pb Conc (mg/kg)	
SIDEWALL OVER-EXCAVATIONS					
2	177	3	12,000	Not Exceeded	
2	183	3	11,000	1,200	

PCB PAL (sediment) = 1.8 mg/kg

PCB PAL (soil) = 7.4 mg/kg

Pb PAL (sediment) = 2,180 mg/kg

Pb PAL (soil) = 1,970 mg/kg

Cu PAL (sediment) = 2,700 mg/kg

Cu PAL (soil) = 4,700 mg/kg

Metal concentrations below the Project Action Limits are not listed in this table.



Update Tier 2 (continued)







Excavating Tier 2 – May 4, 2011



Update Tier 1



- Prepared Tier 1 for excavation
 - Re-deployed turbidity curtain
 - Removed old fence and additional surface debris
- Commenced excavation of Tier 1 on May 11, 2011
 - Approximately 10% of grids excavated, sampled, and backfilled
 - Received half of collected confirmation sample results
 - No over-excavations required to date



View of Tier 1, looking northwest



Update Tier 1 (continued)







Surface Debris with Metal Slag in Tier 1



Update Tier 1 (continued)





Removing Debris in Tier 1 – May 10, 2011



Update



- All soil on RSY pads cleared for MPPEH, including 3rd party QA
- Transferred 3 roll-off bins to EMS in May (total of 94 bins)
- Continued erosion control and fence line inspections
- Continued collecting water samples outside of turbidity curtain





What's Next



- Offsite T&D commenced May 23 (Tier 3 material)
- Implement Acceptance Sampling for MPPEH clearance early June
- Continue excavations and over-excavations
- Final conditions survey of Tier 3 and backfill





Schedule



Activity	Date	
Continue Hot Spots Excavation and Soil Screening; Extended MPPEH schedule	May – December 2011	
Implement Acceptance Sampling Procedures	June – December 2011	
Continue Backfill and Site Restoration	May 2010 January 2012	
Demobilize	January 2012	
Submit Draft Removal Action Completion Report	March 2012	